



L-LEUCINE FOR BIOCHEMISTRY

PRODUCT CODE R01273

SYNONYMS --

C.I. NO. --

CASR NO. (61-90-5)

ATOMIC OR MOLECULAR FORMULA $C_6H_{13}NO_2$

ATOMIC OR MOLECULAR WEIGHT 131.17

PROPERTIES Optically active.

PARAMETER

Description A white crystalline powder.

Solubility Soluble in diluted mineral acids and in alkaline solution.

Minimum Assay(Non-Aqueous) 99.0%

Specific rotation $(\alpha)_D^{20}$ (C=2%, in 5N HCl) +14° to +15°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 0.5%

Sulphated ash 0.1%

Chloride (Cl) 0.01%

Sulphate (SO₄) 0.01%

Iron (Fe) 0.0005%

Lead (Pb) 0.001%

Isoleucine 1.0%

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements :Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

Disposal:-- Dispose of contents and container in accordance with relevant legislation.

IMDG Code :--

UN No. :--

IATA :--

Hazard Pictogram(s) : -----



GHS05

GHS07

Replace Date 1 April 2023

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